

**CRYPTOGRAPHIC METHOD AND COMPUTER PROGRAM PRODUCT
FOR USE IN WIRELESS LOCAL AREA NETWORKS**

ABSTRACT OF THE DISCLOSURE

5 An encryption system and method that may encrypt all of the transmitted and received data packets on the data link layer without collisions on the Initialization Vector (IV). In the encryption system and method a new final key value may be generated and applied to every transmitted and received data packet. The encryption system and method provide for a novel three phase algorithmic process for generating a final secret key.

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